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U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS

5053
FORM NO. OSHA-20 (MODIFIED)
MAY 1971

MATERIAL SAFETY DATA SHEET

MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Presto Chemicals, Inc.		EMERGENCY TELEPHONE NO. (213) 875-1676
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 9281 Borden Avenue, Sun Valley, California 91352		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Prestec Polyester Coating	
CHEMICAL FAMILY Unsaturated Polyester	FORMULA	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Unsaturated Polyester			METALLIC COATINGS		
SOLVENTS Styrene Monomer		100 PPM	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O = 1)	1.05 - 1.23
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR	Liquid with odor of Styrene		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	108°F Tag O.C.	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Dry chemical. CO ₂ Foam			
SPECIAL FIRE FIGHTING PROCEDURES Similar fire fighting procedures as for benzene. Self contained breathing equipment should be worn.				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
100 PPM for Styrene Monomer

EFFECTS OF OVEREXPOSURE

Styrene vapors are moderately irritating to the skin, eyes and mucous membranes of the nose.

EMERGENCY AND FIRST AID PROCEDURES When taken internally; give milk, Milk of Magnesia or whites of eggs beaten with water. Induce vomiting by administering lukewarm salt water or warm soapy water. Upon prolonged concentrated inhalation; Move individual to well ventilated area. Upon skin contact: Wash with suitable solvent followed by soap and water. Upon contact with eyes: Wash eyes promptly with mild boric acid solution or eye wash, followed with water, for several minutes. Irritated eyes may become infected easily. Consult a doctor if necessary.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Keep away from heat and open flame.
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID Do not catalyze more than is to be used at one time.
	WILL NOT OCCUR	X	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

In case of breakage or leakage, use an absorbing material or compound. Let coating absorb and sweep up. Clean remaining paint with suitable cleaning solvent.

WASTE DISPOSAL METHOD

Follow practices for disposal of flammable organic solvents.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Organic vapor respirators are recommended if threshold limit value is exceeded.

VENTILATION	LOCAL EXHAUST Maintain vapor concentration below threshold limit value.	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES Solvent resistant gloves	EYE PROTECTION Liquid goggles
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OTHER PROTECTIVE EQUIPMENT
Work clothes and spray mask.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

For longer shelf life, store at 65°F or below in an unopened container. Use with adequate ventilation.

OTHER PRECAUTIONS

Normal procedures for painting.

Simen DeVries

9/18/72

PREPARED BY

DATE